In the Claims:

1.   A computer program product for execution by a server computer for dynamically generating a wrapper object, comprising:

computer code for receiving a vendor object and superclass;

computer code for performing reflection on the vendor class;

computer code for generating a wrapper class;

computer code for instantiating the wrapper class, the instantiating including generating a wrapper object as an instance of the wrapper class; and

computer code for associating the vendor object with the wrapper object.

2.   The computer program product of claim 1 wherein the wrapper object is dynamically generated at runtime.

3.   The computer program product of claim 1 wherein the superclass is one of a pre-existing JDBC, JMS, or connector class.

4.   The computer program product of claim 1 wherein the superclass includes logic to handle server side tasks.

5.   The computer program product of claim 1 wherein the wrapper class is generated in bytecode.

6. The computer program product of claim 5 wherein bytecode is generated for vendor methods not implemented in the superclass.

7. The computer program product of claim 5 wherein the bytecode is generated using hot code generation.

8. The computer program product of claim 1 wherein providing the wrapper object to the an application program, allowing the application program to access standard features and non-standard vendor extensions.

9. The computer program product of claim 1 wherein the standard extensions are J2EE extensions.

10. A computer program product for execution by a server computer for processing an invocation using a dynamically generated wrapper, comprising:

computer code for receiving an invocation call by a wrapper object, the invocation call directed to a wrapped vendor object by an application program;

computer code for initiating pre-processing by the wrapper object;

computer code for calling the wrapped vendor object by the wrapper object;

computer code for receiving a result from the wrapped vendor object by the wrapper object;

computer code for initiating post-processing by the wrapper object; and

computer code for provide the result to the application program.

11.   The computer program product of claim 10 wherein the pre-processing including calling a pre-invocation handler.

12.   The computer program product of claim 10 wherein the pre-invocation handler is configured to execute server-side code.

13.   The computer program product of claim 12 wherein the server-side code includes global transaction processing code.

14.   The computer program product of claim 10 wherein post-processing including calling a post-invocation handler.

15.   The computer program product of claim 14 wherein the post-invocation handler is configured to perform post-processing server side tasks.

16.   The computer program product of claim 15 wherein the post-processing server-side tasks include global transaction management.